

ABSTRACT

It is possible to form a RecA-like recombinase/single-stranded nucleic acid probe/double-stranded target nucleic acid complex very
5 efficiently and specifically, by preparing the RecA-like recombinase/single-stranded nucleic acid probe complex in the presence
of a nonhydrolyzable nucleotide co-factor whose molecule number is one quarter or more of the number of molecules of nucleotide residues
one quarter or more contained in the single-stranded nucleic acid probe and 10 times or
10 less the number of RecA-like recombinase molecules, and then contacting
the complex with a sample containing double-stranded target nucleic acid.

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